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THE THORNEY RURAL DISTRICT COUNCIL.

ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH FOR 1958.



Mr. Chairman and Gentlemen,

I beg to submit my Annual Report of the year ending 31st March, 1959.

The health of the community has been most satisfactory. There have been no epidemics during the year.

Considerable anti poliomyelitis vaccination has been carried out both by local doctors and the Isle of Ely County Council. No cases of poliomyelitis have occurred in the rural area during the year.

The water supply and sewerage systems have worked adequately.

I add the special report of the Public Health Officer.

Your obedient Servant,

J. R. F. Popplewell,

Medical Officer of Health.

S T A F F

Medical Officer of Health	J.R.F. Popplewell, M.R.C.S., L.R.C.P., D.(Obst.), R.C.O.G.
Surveyor & Public Health Officer.	E. T. Little, M.R.S.I., M.S.I.A.

GENERAL STATISTICS.

Area	21,796.
Population	2,510.

VITAL STATISTICS.

	<u>Male.</u>	<u>Female.</u>
<u>Live Births.</u>		
Legitimate.	19.	15.
Illegitimate.	<u>1.</u>	<u>-</u>
	20.	15.
<u>Still Births.</u>		
Legitimate.	2.	-
Illegitimate.	-	-
<u>Deaths of Infants under 1 year.</u>		
Legitimate.	-	2.
Illegitimate.	-	-
<u>Deaths of Infants under 4 weeks.</u>		
Legitimate.	-	2.
Illegitimate.	-	-

	<u>Male.</u>	<u>Female.</u>
Total Deaths.	12.	9.
Deaths from Cancer.	2.	-
Deaths from Tuberculosis.	nil.	nil.

Infectious Diseases :

Measles.	-	2.
Whooping Cough.	4.	4.
Scarlet Fever.	6.	8.
Pneumonia.	1.	-
Food Poisoning.	1.	-
Meningitis.	-	1
Infective Jaundice.	1.	-

Immunisation against Diphtheria and Whooping Cough.

1 year	3.
2 years	13.
5-9 years	14.

Immunisation against Poliomyelitis.

Individual records not available from County Council. All County records are grouped together.

Laboratory Facilities.

Ambulance Facilities.

Nursing in the Home.

Inspection and Supervision of Food.

Clinics.

The facilities of all the above services are the same as last year.

Housing.

Houses completed during the year :-

Private	...	Nil.
Council	...	Nil.

June, 1959.

TO THE MEDICAL OFFICER OF HEALTH.

Sir,

I have the honour to present my fourth Annual Report in respect of the year ended 31st March, 1959, as follows :-

NUISANCES.

17 Nuisances were investigated as follows :-

Premises (disrepair)	5.
Sanitary accommodation.....	3.
Offensive accumulations.....	2.
Drainage.....	7.

Number of Nuisances abated as a
result of informal action..... 17.

Number of Nuisances abated as a
result of statutory action..... Nil.

FACTORIES AND WORKSHOPS (See also Appendix 2).

Number of Factories with mechanical power ...	6.
Number of factories without mechanical power..	1.
Number of inspections.....	7.

REFUSE COLLECTION.

The refuse collection service is provided by contract labour and provides for a weekly collection in Thorney village and a monthly collection in the rural area. Disposal is carried out on the controlled tip in Peterborough by arrangement with the City Council. Two complaints were received during the year and taken up with the contractor. The present type of vehicles used by the contractor leaves much to be desired.

PETROLEUM ACTS, 1928, &C.

Thirty-seven current annual licences are in force in respect of the bulk storage of petroleum mixtures at 37 premises. No new licences were issued during the year. 32 inspections were carried out during the year.

MORTUARY.

One body was received into the Mortuary during the year. No post-mortem examinations were carried out.

IMPROVEMENT GRANTS.

Applications were received during the year in respect of 13 properties for improvement. Grants were made in each case, and the total sum awarded in grants during the year was £2,279.

WATER SUPPLY.

Bulk water consumption for the district was 24.6 million gallons or 67,312 gallons per day equivalent to 27 gallons per head per day in respect of the population served.

On chemical analysis, a sample of water taken in December, 1958, was shown to contain per million parts :-

Total solids dried at 180 deg.C	460.00
Suspended matter	absent
Chlorides as chlorine	31.95
Oxidised Nitrogen as nitrate	1.0
Oxidised Nitrogen as nitrite	absent
Free and saline ammonia	0.088
Albuminoid ammonia	0.032
Temporary hardness	235.00
Permanent hardness	119.00
Oxygen absorbed in 4 hrs. at 80 deg.F from N/80 KMnO ₄ .	0.00
pH value	7.10
Appearance	clear and bright
Odour	None
Taste and colour	normal
Heavy metals	absent
Free chlorine	0.15

No. of colonies developing per ml. on agar at 21 degrees C. in 72 hrs.	1.
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No. of colonies developing per ml. on agar at 37 degrees C. in 24 hrs.	0.
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No. of colonies developing per ml. on agar at 37 degrees C. in 48 hrs.	17.
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Faecal coli count per 100 mls. at 44 degrees C. in 48 hrs.	0.
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Bacillus Coli (Presumptive) Absent in	100 mls.
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Observations on the Analysis.

This sample of water falls into Class 1 (excellent) of the Ministry of Health's classification of piped water supplies, and is also of suitable chemical quality for human consumption, domestic use and dairy purposes.

3 samples of water were submitted for bacteriological examination with results as follows :-

Highly satisfactory.....	2.
Satisfactory.....	1.
Unsatisfactory.....	Nil.

Length of mains in miles.....	48.
No. of metered supplies - $\frac{1}{8}$ "	151.
No. of metered supplies - $\frac{3}{4}$ "	17.
No. of new supplies provided :-	
Domestic	1.
Non-domestic	3.
Burst mains repairs	25.
Burst services repaired	13.
Hydrants and valves repaired	16.
No. of informal notices served re waste of water or defective fittings	1

DRAINAGE AND SEWERAGE.

No new works have been carried out. 46 blockages were cleared during the year. 1 report of a nuisance was received in respect of the methods of disposal in the outlying area (septic tanks, pails, etc.) and satisfactorily dealt with.

DISINFESTATION.

No requests were received during the year for this service.

FOOD AND DRUGS ACT.

Two supplementary milk licences are in force. All food premises have been inspected during the year.

MEAT INSPECTION (see Appendix 1 for Table of Disease prevalence.

325 carcasses of food animals were inspected during the year as follows :

Cattle	84.
Calves	1.
Sheep	106.
Pigs	134.

BUILDING BYELAWS.

43 plans were deposited in respect of new buildings and works. 78 visits and inspections were made.

SUMMARY OF VISITS AND INSPECTIONS MADE.

Nuisances	28.
Water Supply	273.
Factories & Workshops	7.
Food & Meat Inspection	68.
Foodshops	19.
Canteens	1.
Drainage & Sewerage	129.
Drainage (new work)	41.
Caravans.	10.
Refuse Collection	4.
Road Safety	2.
Rodent Control	11.
Improvement Grants	28.
Committees, &c.	24.
New Buildings.	78.
Planning.	16.
Council Houses.	113.
Petroleum Acts	32.
Insect Pest Control	1
Miscellaneous	92.

NUMBER OF INTERVIEWS.

Office	327.
At private residence	84.

CONCLUSION.

In conclusion, may I express my thanks to the Council, and to the other officers and staff for their help during the year.

E. T. LITTLE,

Surveyor and Public Health Inspector.

A P P E N D I X I.

MEAT INSPECTION

CARCASES AND OFFAL INSPECTED AND CONDEMNED IN WHOLE OR IN PART.

	<u>Cattle Exclud- Cows.</u>	<u>Cows.</u>	<u>Calves.</u>	<u>Sheep and Lambs.</u>	<u>Pigs.</u>	<u>Horses.</u>
Number killed	79.	5.	1	106.	134.	-
Number inspected	79.	5.	1.	106.	134.	-
<u>All Diseases except Tuberculosis and Cysticerci.</u>						
Whole carcasses condemned	3.	-	-	-	-	-
Part carcasses condemned	4.	-	-	-	5.	-
Percentage of number inspected affected with these diseases	9.	-	-	-	6.	-
<u>Tuberculosis only.</u>						
Whole carcasses condemned.	2.	-	-	-	-	-
Part carcasses condemned.	6.	-	-	-	3.	-
Percentage of number inspected affected with tuberculois.	10.	-	-	-	2.	-
<u>Cysticercosis.</u>						
Part carcasses condemned						
Carcases submitted to treatment by refrigeration.						
Generalised and totally condemned						

A P P E N D I X I I .

FACTORIES ACTS 1937 and 1938.

<u>PREMISES.</u>	<u>No.on Register.</u>	<u>No. of Inspections.</u>	<u>Written Notices.</u>	<u>Occupiers Prosecuted</u>
Factories in which Sections 1,2,3, 4 and 6 are to be enforced by Local Authorities.	1.	2.	-	-
Factories in which Section 7 is enforced.	6.	5.	-	-
Other Premises.	-	-	-	-
	7.	7.	-	-

NO. OF CASES IN WHICH DEFECTS WERE FOUND.

<u>Particulars.</u>	<u>Found.</u>	<u>Remedied.</u>	<u>Referred to H.M. Inspector</u>	<u>by H.M. Inspecotr.</u>	<u>Prosecutions.</u>
Want of Cleanliness.	-	-	-	-	-
Sanitary accommodation Unsuitable or defective.	-	-	-	-	-
	-	-	-	-	-

